

A MULTI-ANODE DETECTOR WITH INCREASED DYNAMIC RANGE FOR TIME-OF-FLIGHT MASS SPECTROMETERS WITH COUNTING DATA ACQUISITION

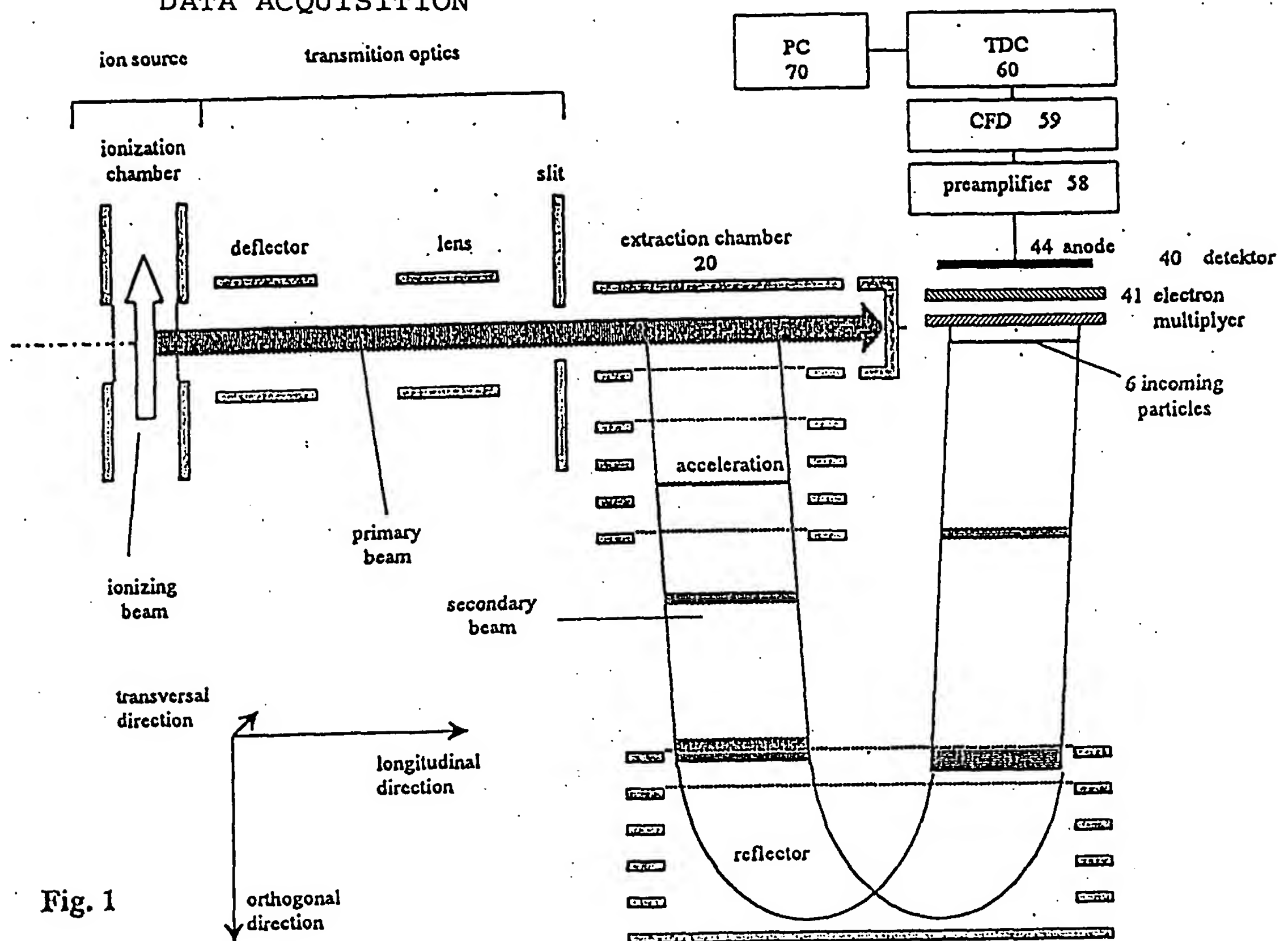


Fig. 1

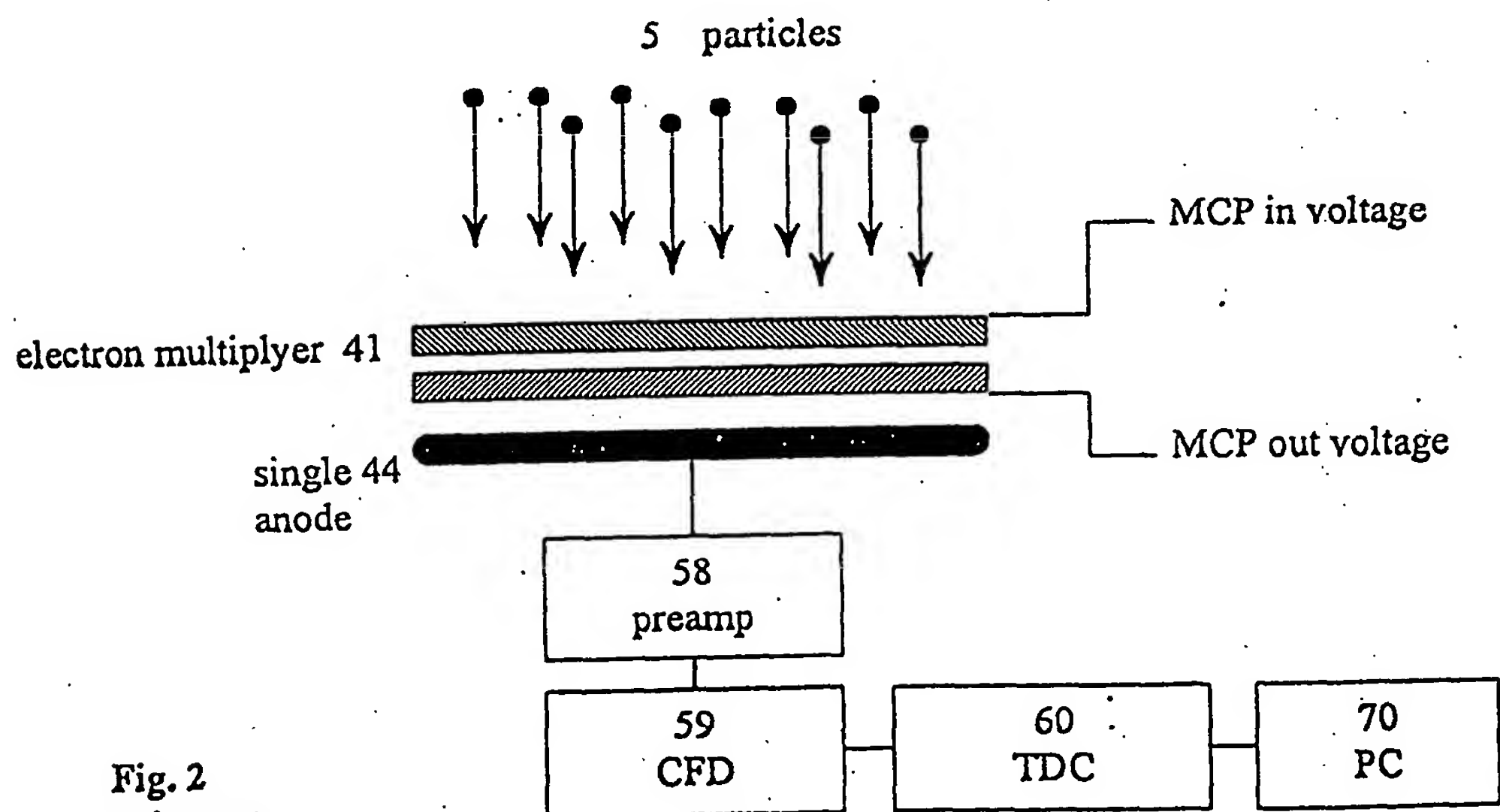
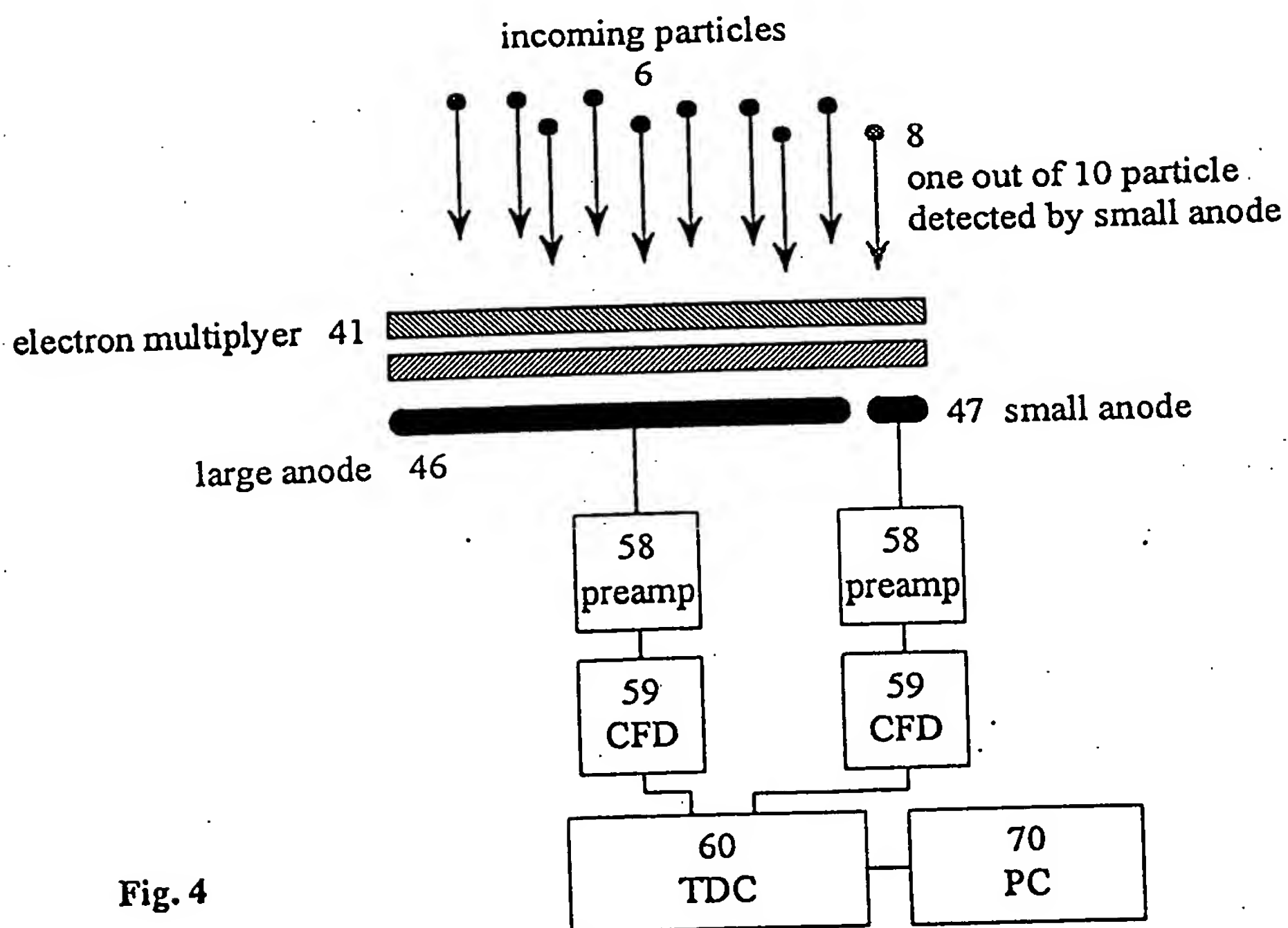
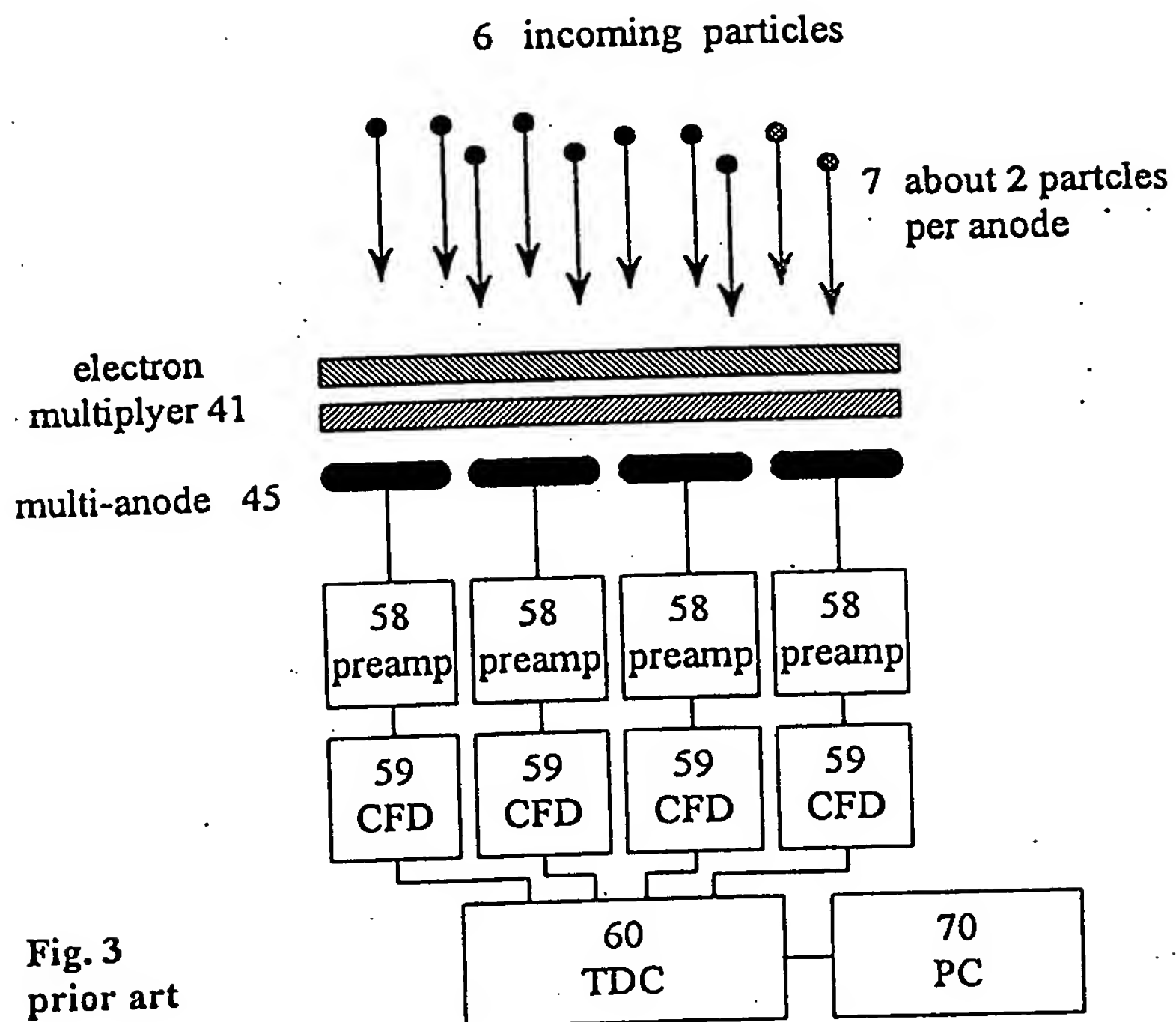
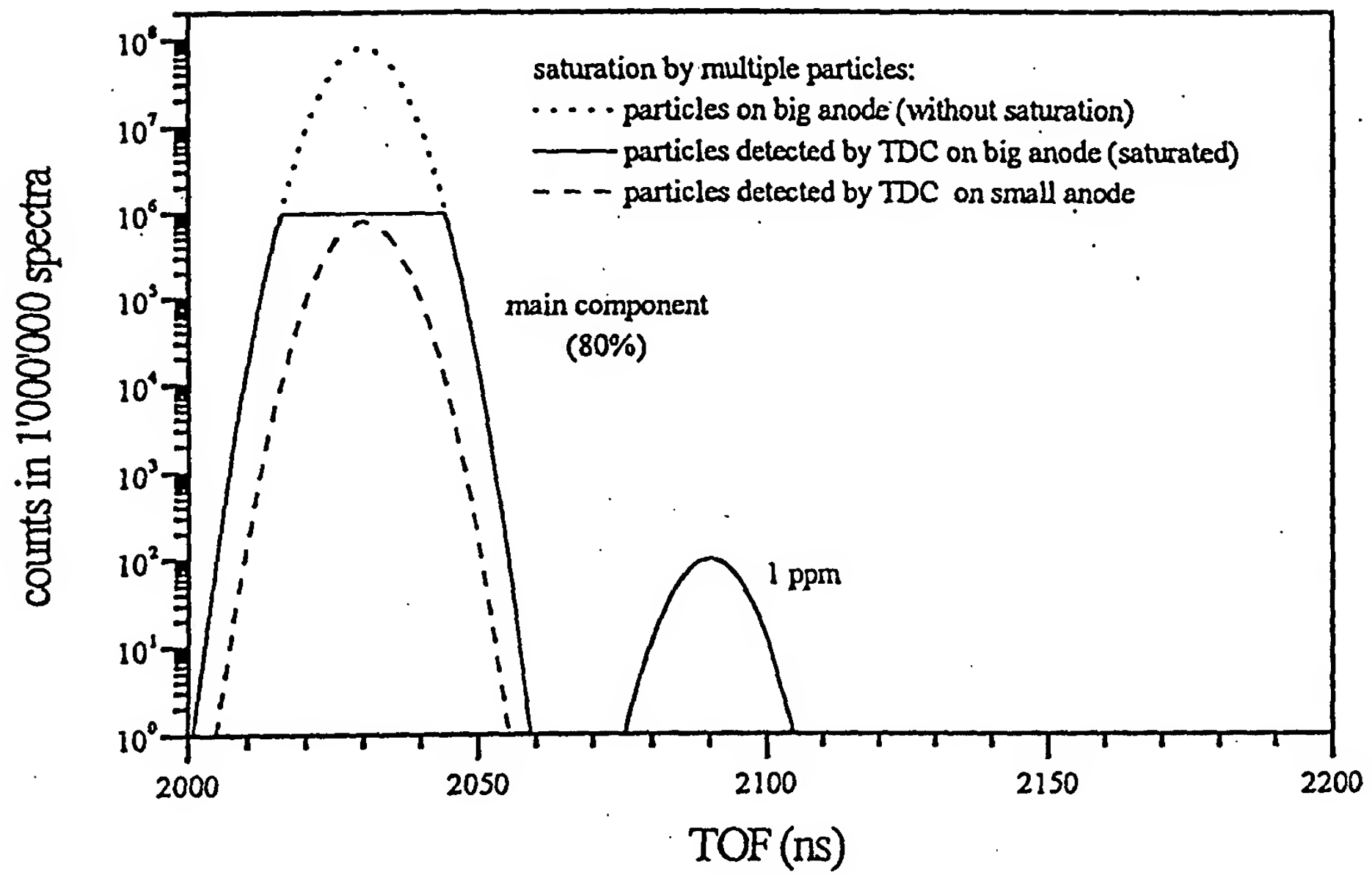


Fig. 2
prior art



generic mass spectrum in log scale



generic mass spectrum in linear scale

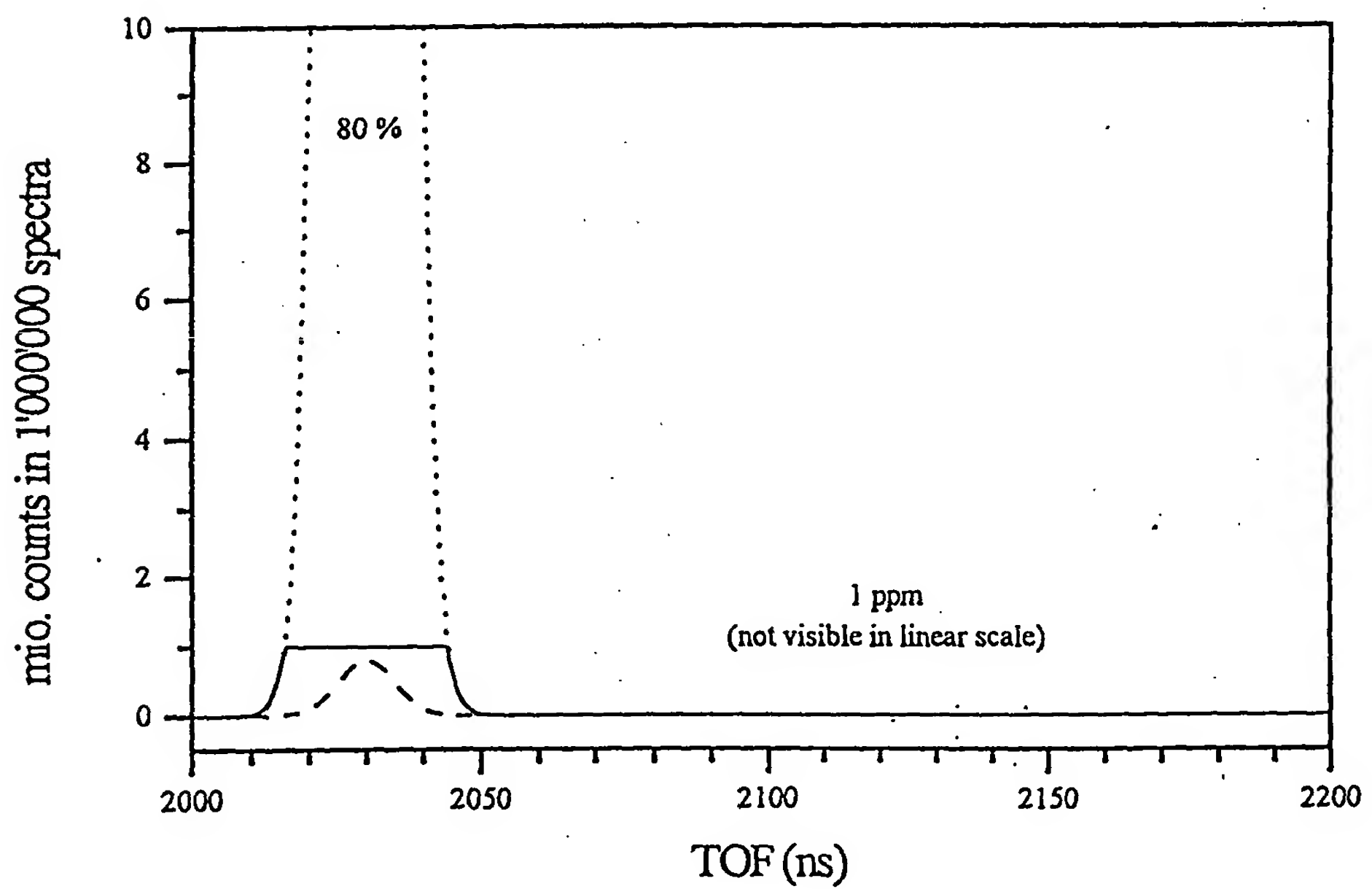
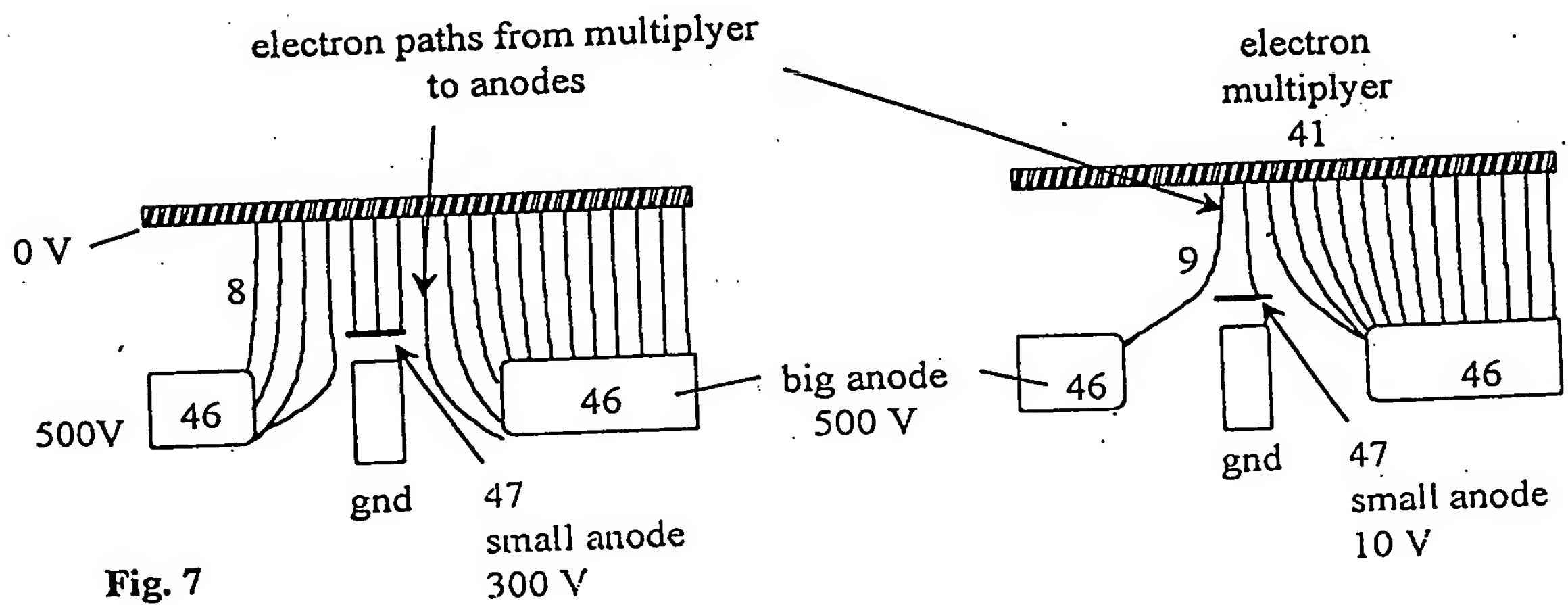
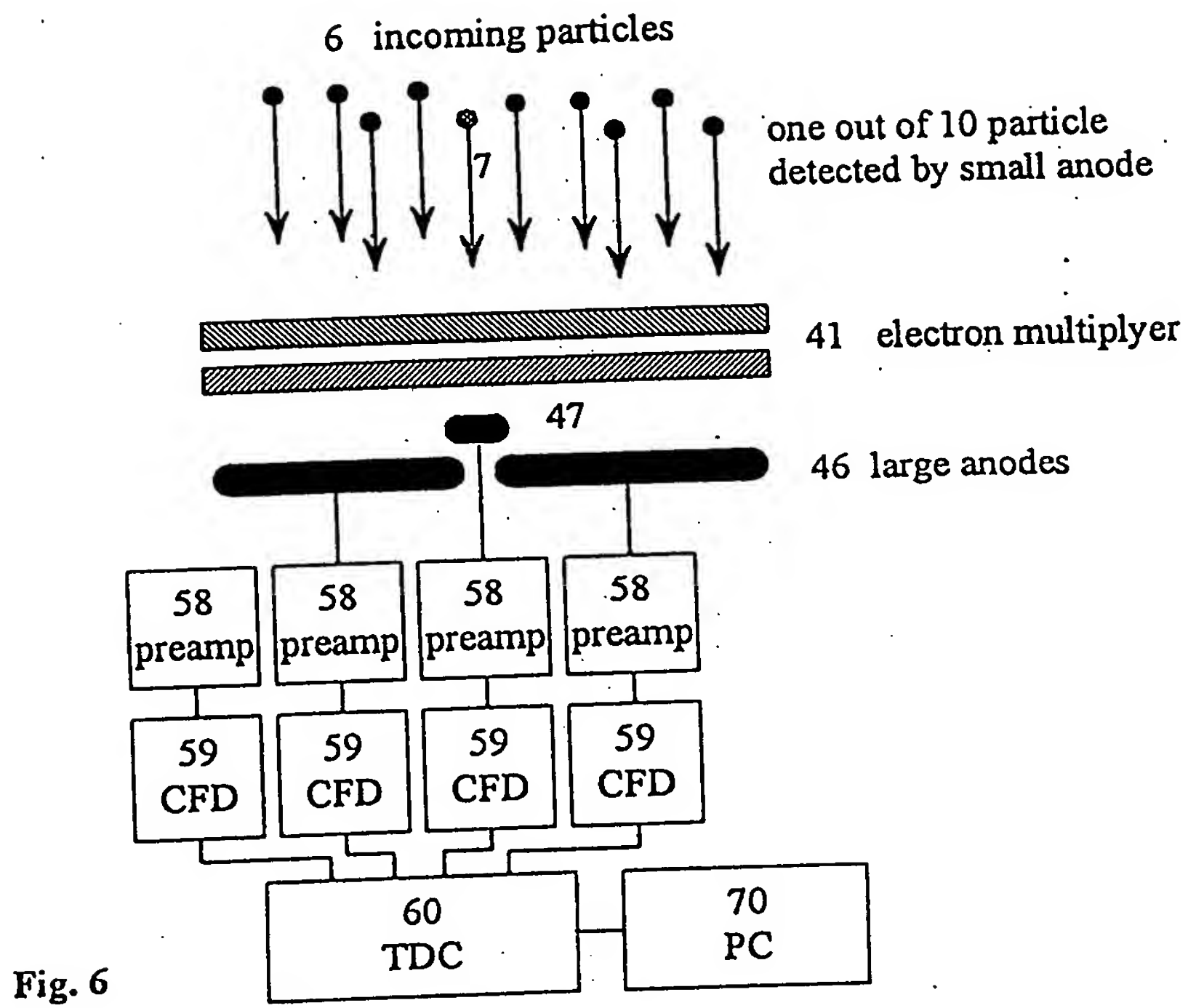


Fig. 5



Scheme of spectra treatment for a 2 anode detector with unequal anode fractions

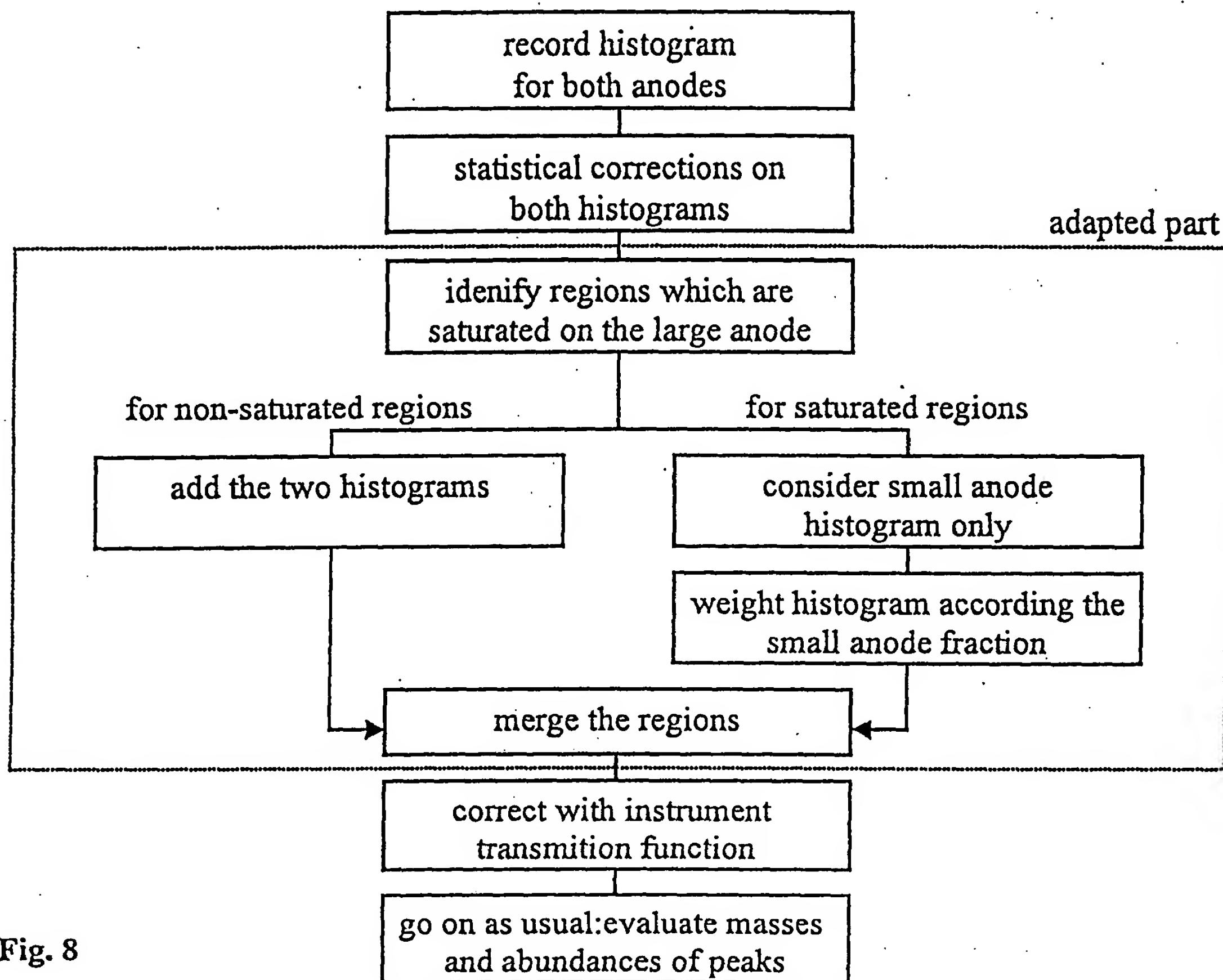


Fig. 8

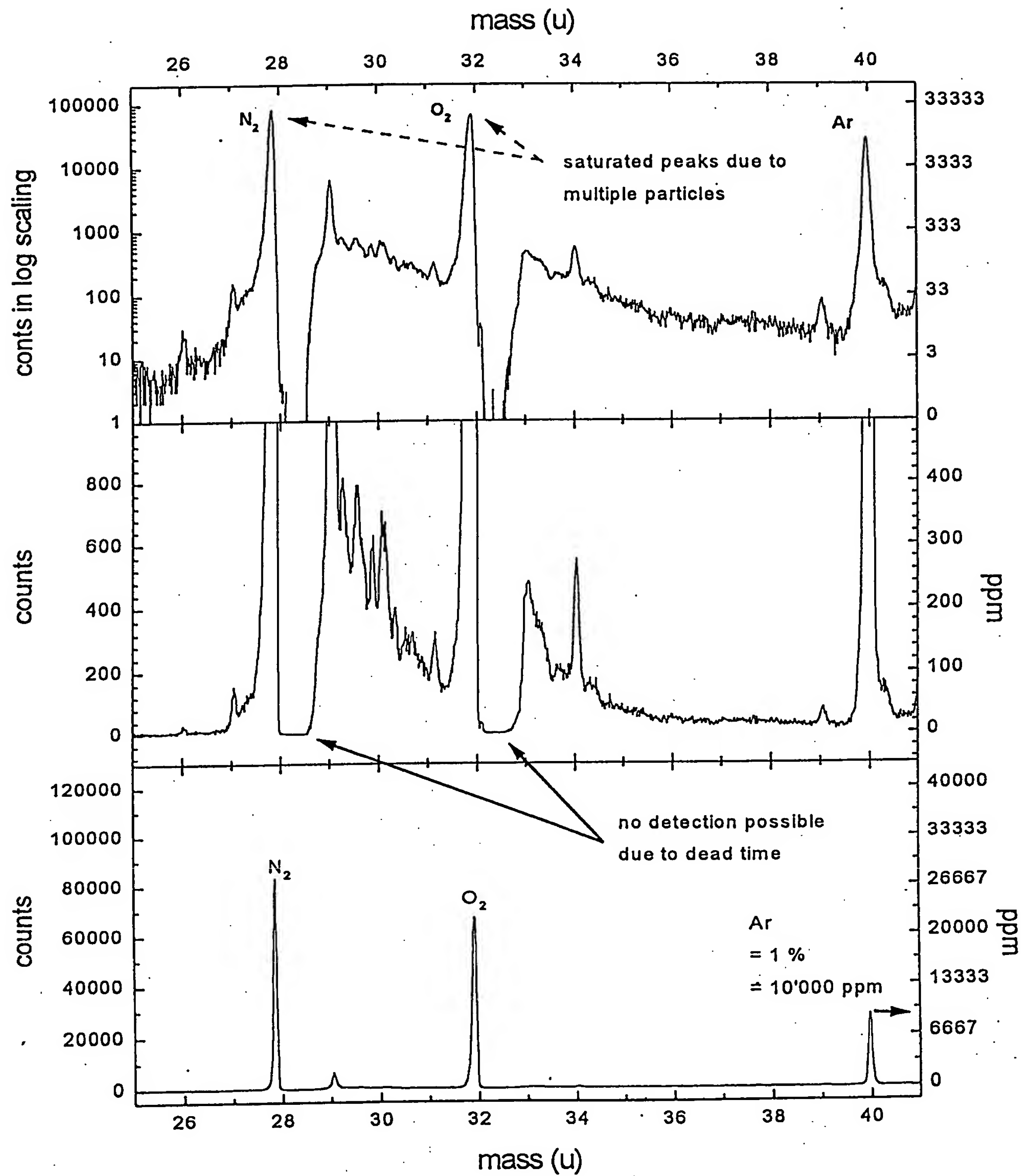


Fig. 9